ECS Configuration Change Request

1. Originator Cherry Kenney	2. Log Date: 03/11/03	3. CCR #: **03-0172**	4. Rev: -	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO

8. CCR Title: TE_6A.07_INGEST.02A

9. Originator Signature/Date /s/ Cherry A. Kenney 3/11/03	10. Class II	11. Type: **CCR**	12. Need Date: 10Mar03

13. Office Manager Signature/Date /s/ Louis Swentek 3/10/03	14. Category of Change: Initial ECS Baseline Doc.	15. Priority: (If "Emergency" fill in Block 27). Emergency

16. Documentation/Drawings Impacted (Review and submit checklist):	17. Schedule Impact:	18. CI(s) Affected:INGEST

19. Release Affected by this Change: 6A	20. Date due to Customer: 10Mar03	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other: 34966, 36323,

23. Problem: (use additional Sheets if necessary) This TE delivers a fix for NCR34966, Sev=5. The read process for ASTER should be separated from the ingest process. The Read process could simply stage the data then the PDR should be modified to relate it to the staging area. A new InPolling server could be added to ingest this data. The NCR fix designed and implement a separate INGEST GUI for GDAS-ASTER tape ingest.TE also delivers NCR36323, Sev=5, an enhancement to EASI to use generated list of packages instead of complete sitemap.

24. Proposed Solution: (use additional sheets if necessary) TE_6A.07_INGEST.02A must be installed on top of inital delivery of 6A.07.

25. Alternate Solution: (use additional sheets if necessary) None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary) PDRs would not be able to sit in the local PDR staging area indefinitely. The InPolling server could not be used to stop ASTER ingest expediting necessary system shutdowns. The user would have to "kill" ASTER Ingest processes or to wait for them to complete naturally in order to bring the system down.

27. Justification for Emergency (If Block 15 is "Emergency"): EDC DAAC requested fix for NCR34699

28. Site(s) Affected: ☒EDF ☒PVC ☒VATC ☒EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): /s/ Mary Armstrong 3/11/03	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. M&O CCB Chair (Sign/Date): /s/ Pam Johnson 3/11/03	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ADDITIONAL SHEET

CCR #: 03-0172   **Rev:**   **-**   **Originator:** Cherry Kenney

Telephone: 301-883-4177   **Office:** 3204D

Title of Change: TE_6A.07_INGEST.02A

Actions

ClearCase Group(CSG):

Please make a SOL8 tar file from the 6A07 baseline for the following package:

.EcInTapeReader.pkg

Please name this tar file TE_6A.07_INGEST.02A

Patch/TE Dependencies

TE_6A.07_INGEST.02A must be installed on top of initial delivery of 6A.07

DAAC Install Instructions

A. PRE - INSTALLATION

1. Copy the *sun5.8* tar files into the <staging_area>/SOL8/ directory

2. Using the Setup.ksh files untar the tar file.

Do not install a new versionof ECS Assist.

B. INSTALLATION and CONFIGURATION

The mkcfg script "EcInMkcfg" will generate a configuration file for every instance listed in the /usr/ecs/[MODE]/CUSTOM/data/INS/.InTapeRdrInstances file.
The .InTapeRdrInstances file will be delivered with one line consisting of the following text:

"EnterTapeReaderInstances" (This text should be removed using Ecs Assist.)

Via e0dis01

Start Ecs Assist. Select Subsystem Manager. Select a mode.
Double Click "INGEST". Double Click "Ecln"
Click the "Install" button.
Select the ".EcInTapeReader.pkg"

Once installation has completed, Check for install errors.

Click the "Configuration" button.

Select all necessary file e.g. datproviders, granservers…

The "Ingest Specific Files" dialog will contain a new button called "Ingest Tape Reader Instances".

Tape Reader Instance Configuration files will contain the following information:

MediaType*	=	8mm Tape or DTF Tape
TapeDrive*	=	Enter Tape Drive Name as per DAAC hint: look in STMGT GUI.
DataDirectory*	=	DAAC Specific data location e.g. /usr/ecs/[MODE]/CUSTOM/data/..
PollingDirectory	=	Polling directory for IGS or ASTER
MaxSpaceConfigured*	=	Default Value 0 meaning no space limit

* Refer to
   /usr/ecs/[MODE]/CUSTOM/data/INS/EcInTapeReaderGUI.usage
   /usr/ecs/[MODE]/CUSTOM/data/INS/EcInTapeReaderGUI.rbd
   /usr/ecs/[MODE]/CUSTOM/data/INS/EcInTapeReaderGUI